

DATE INDICATOR MECHANISM FOR WATCH MOVEMENT

ABSTRACT

The invention relates to an instantaneous mechanism for controlling the date indicator (24) of a timepiece movement. It comprises:

- a 24-hour wheel (10) pierced with a first cutout (12b),
- a date driving wheel (16) mounted to rotate freely on the 24-hour wheel (10), coaxial therewith and having a pin (18) which fits into the cutout and a tooth (20) which collaborates with the indicator (24) to cause it to move on step by step each day at around midnight, and
- a spring balance (26, 32) collaborating with the pin (18).

These components are shaped, sized and arranged in such a way that, at around midnight, the balance (26) escapes from the pin (18) and returns abruptly to its rest position, throwing forward the pin (18) and the driving wheel (16) whose tooth (20) strikes the date indicator (24) to cause it to move on by one step.

Figure 1